

INTERNATIONAL SEARCH REPORT

International Application No
PCT/JP2004/012453

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 H05K13/04

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H05K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6 002 650 A (KURIBAYASHI TAKESHI ET AL) 14 December 1999 (1999-12-14)	1,2,4-7, 9-13, 18-25, 30,31
A	the whole document	14-16,26
X	US 2001/020325 A1 (LUECKEHE HANS-WERNER) 13 September 2001 (2001-09-13) the whole document	1,8,11, 18
X	EP 0 453 370 A (EUROSOFT ROBOTIQUE) 23 October 1991 (1991-10-23)	1,2,4,7, 8,11,18, 20-22, 24,29-31
A	the whole document	
A	US 2002/184747 A1 (KURIBAYASHI TAKESHI ET AL) 12 December 2002 (2002-12-12) paragraph '0069!; figure 3	1,5,6



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

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Date of the actual completion of the international search

28 February 2005

Date of mailing of the international search report

18/05/2005

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Information on patent family members

International Application No

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